



ecology and environment, inc.

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International Specialists in the Environmental Sciences

DATE: March 10, 1983
TO: File/USEPA Region V *Wine*
FROM: Don Mueller/Anne C. Sause
SUBJECT: Preliminary Assessment
Michigan/TDD#R5-8212-03A-263
Saline/Hoover Universal Saline Die Cast Division
MID980795512

Attached is EPA's Preliminary Assessment Form 2070-12 for the above referenced site.

Primary information was gathered from the following source(s):

1. Ecology and Environment FIT files, Region V-Chicago
2. Michigan Department of Natural Resources, Lansing (Water reports and water records)
- 3.

Information indicates the following responsible parties should be listed. They are listed here because of space limitations:

- 1.
- 2.
- 3.

Presently, data gaps or no verification exists in the following key area(s):

1. Waste quantity
- 2.
- 3.

A review of the available data indicates that additional information will be necessary to assess the impact(s) on:

1. Groundwater contamination extent
2. Surface water contamination extent
- 3.
- 4.
- 5.

Suggested methods/sources for obtaining additional information are:

1. Groundwater monitoring - low priority since population effected is less than 195
- 2.
- 3.

Notice of an apparent need for emergency action was transmitted to N/A on N/A
by N/A.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
MI D980795512

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Hoover Universal Saline Die Cast Division		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 232 Monroe Street			
03 CITY Saline	04 STATE MI	05 ZIP CODE 48176	06 COUNTY Washtenaw	07 COUNTY CODE 161	08 CONG DIST 2
09 COORDINATES LATITUDE 42° 09' 38.1"		LONGITUDE 083° 46' 03.3"		Saline Quad, T4S R5E Section 1	

10 DIRECTIONS TO SITE (Starting from nearest public road)

From US Route 12 : northeast into Saline. Exit on Monroe (Macon) Street South and follow to site (232 Monroe Street).

III. RESPONSIBLE PARTIES

01 OWNER (If known) Hoover Universal		02 STREET (Business, mailing, residential) 135 East Bennett			
03 CITY Saline	04 STATE MI	05 ZIP CODE 48176	06 TELEPHONE NUMBER (313) 429-2552		
07 OPERATOR (If known and different from owner) Hoover Ball and Bearing Company		08 STREET (Business, mailing, residential) Same as owner			
09 CITY Same as owner	10 STATE Same as owner	11 ZIP CODE Same as owner	12 TELEPHONE NUMBER Same as owner		

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RECEIVED: 10 / 30 / 80 ☐ B. UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED: NONE ☐ C. NONE
MONTH DAY YEAR MONTH DAY YEAR

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE Spring / 49 <input type="checkbox"/> NO MONTH DAY YEAR 8/24/82		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input checked="" type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): Water Quality Journal (yearly since 1949)	
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION early 1940's present BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN		

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Sludges (toxic / persistent)
bases (corrosive)
heavy metals (toxic / persistent)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

groundwater (population / environment)
drinking water (population)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information, and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT William J. Tischler	02 OF (Agency/Organization) Technical Director of Hoover's Die Cast Div.		03 TELEPHONE NUMBER (313) 429-9411	
04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER ()	08 DATE / / MONTH DAY YEAR



☐ I HIGHLY VOLATILE
☐ J EXPLOSIVE
☐ K REACTIVE
☐ L INCOMPATIBLE
☐ M NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
MI 0980795512

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 195

02 ☒ OBSERVED (DATE:)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Water quality personnel indicate high readings for heavy metals and suspended solid in yearly twenty-four hour surveys.

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 195

02 ☐ OBSERVED (DATE:)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Years ago, any runoff went into ditches and then into the Saline River.
Potential source of contamination during periods of high runoff.

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED:

02 ☐ OBSERVED (DATE:)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED:

02 ☐ OBSERVED (DATE:)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED:

02 ☐ OBSERVED (DATE:)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: ~10 Acres

02 ☒ OBSERVED (DATE: 1969)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

When the area flooded in 1969, water levels reached 10'-15' above the river on the north side. Photographs indicate a holding lagoon was present on the south side of the plant, but it no longer exists and the exact location is unknown. Site Size: 600' x 1100'

01 ☒ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 195

02 ☒ OBSERVED (DATE: 6-19-80)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Technical Director Tischler stated that after high ammonia concentrations were found in his observation wells, he independently tested well water and Saline City water in area homes and also found high values.

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED:

02 ☐ OBSERVED (DATE:)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED:

02 ☐ OBSERVED (DATE:)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

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II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☒ ALLEGED

Fish kills in past not linked with Hoover Universal.

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)

03 POPULATION POTENTIALLY AFFECTED: 195

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Effluent discharged to unlined lagoons.

Lagoon sludge susceptible to runoff.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 195

IV. COMMENTS

Continued monitoring of lagoons for heavy metals discharge.

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

Ecology & Environment FIT files, Region IV - Chicago
MDNR water records and reports